

Philips Cineos
widescreen flat TV

107 cm (42")
LCD
integrated digital

42PF9831D



Turn up your viewing experience

with Pixel Plus 3 HD and Ambilight

Enjoy the ultimate viewing experience of this Philips Cineos Flat TV with Pixel Plus 3 HD, Ambilight Full Surround and Clear LCD technology. The Digital Media Reader with PC link gives you full access to multimedia content.

Unrivalled audio performance

- Compact lambda/4 subwoofer technology for powerful deep bass

Immersive viewing experience

- HD LCD WXGA display, with a 1366 x 768p resolution
- Integrated Digital Tuner for DVB-T reception
- HD Ready for the highest quality display of HD signals
- Pixel Plus 3 HD for most sharp and clear pictures
- Clear LCD with 3 ms response for extreme motion sharpness
- Ambilight Full Surround for an immersive viewing experience

For advanced performance

- 2 HDMI inputs for full digital HD connection in one cable

Perfect picture quality from your digital photos

- Access your photos, music and movies via PC-link
- Wireless prepared for connection to your PC
- USB and Memory Card slot for instantly playing multimedia

PHILIPS

widescreen flat TV
107 cm (42") LCD, integrated digital

42PF9831D/10

Highlights

LCD WXGA display, 1366 x 768p

This WXGA display with state-of-the-art LCD screen technology gives you widescreen HD resolution of 1366 x 768p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colours. This vibrant and sharp image will provide you with an enhanced viewing experience.

Integrated Digital DVB-T tuner

The integrated Digital DVB-T tuner lets you receive digital terrestrial TV without an additional set top box. Enjoy quality TV clutter free.

HD Ready



Enjoy the exceptional picture quality of High Definition pictures and be fully prepared for HD sources like HDTV set-top boxes and Blu-ray discs. HD Ready is a protected label that offers picture quality beyond that of progressive scan. It conforms to strict standards laid out by EICTA to offer an HD screen that displays the benefits of the resolution and picture quality of a High Definition signal. It has a universal connection for both analogue YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60 Hz.

Pixel Plus 3 HD

Pixel Plus 3 HD offers the unique combination of ultimate sharpness, natural detail, vivid colours and smooth natural motion on all qualities of HD, standard TV signals and multimedia content for high definition displays. Each pixel of the incoming picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. Artefacts and noise in all sources from multimedia to

standard TV and also in highly compressed HD are detected and reduced, ensuring that the picture is clean and razor sharp.

Clear LCD with 3 ms response

Clear LCD creates extreme motion sharpness for clear and vibrant images even with fast on-screen motion. The high refresh rates of the scanning backlight technology increases the sharpness of motion reproduction down to an effective response time of 3 milliseconds (measured in Perceived Blur-Edge-Width; BEW). It also creates a higher dynamic contrast and an increased viewing angle. The unique Philips technology brings motion sharpness of LCD displays to an unprecedented level, better than any other Flat display technology.

Ambilight Full Surround



Ambilight 4 makes an impressive contribution to the overall viewing experience and the design of the TV. It produces a fully surrounding glow of light that complements the colours and light intensity on all 4 sides of the image and with the unique design creates a 'floating display'. The Ambilight is cast onto a reflective area that is an integrated part of the TV's unique design and makes it independent from TV position or mounting. The surrounding glow creates ambience, stimulates more relaxed viewing, improves perceived picture detail, contrast and colour, and will completely immerse you.

Lambda/4 sound system

You want a deeper sound experience in music and movies? The integrated subwoofer with lambda/4 technology creates a very deep and

powerful bass in a highly compact enclosure, keeping the TV slim and flat. The lambda/4 subwoofer unit utilises resonating acoustic masses in a system of ducts to produce powerful bass with low distortion. The lambda/4 sound system, combined with high quality midrange and tweeters also gives a very spacious stereo image.

PC-link

The PC-link provides fun and easy access to your personal digital media files and multimedia content*. The widely used Ethernet (LAN) and Wi-Fi open standards are used for wired and (optional) wireless** connection and ensure interoperability. Browse your PC collection of digital photographs, multimedia videos and music files via your home LAN network. The intuitive user interface of the TV and the Philips Multimedia Manager for your PC makes it available at the push of a button (* see product for supported formats, PC-LAN functionality required ** Additional 'Ethernet-bridge' device required)

Wireless PC link prepared

Wi-Fi is the leading standard for wireless broadband. With the wireless prepared function* in the Philips TV you can share PC multimedia content anywhere in your house, without the hassle of wires. High Bandwidth means you can enjoy high quality multimedia pictures, music or video, over distances that can reach up to 100 metres**. Access your Wi-Fi PC or your home Wi-Fi network (router). (*requires optional, Wi-Fi Ethernet-bridge. **may vary under local conditions)

USB and Memory Card slot

Instantaneously view and share your movies, photos and music. The Memory Card slot will accept cards of the following types: Compact Flash I and II, Memory Stick, SD Card/Mini SD Card, Smart Media, Micro Drive (up to 2 GB) and Multi Media Card. Simply plug the memory card into the slot at the side of the TV and access the multimedia files stored on the card. The USB connector allows access to multimedia files on most USB sticks and most digital cameras (USB memory-class device).



widescreen flat TV
107 cm (42") LCD, integrated digital

42PF9831D/10

Specifications

Ambilight

- Ambilight Features: Ambilight Full Surround, Auto adaptive to video content, Efficient low energy lamp, Full operation in stand-by
- Colour Settings: Full Multi-Colour
- Dimming Function: Manual and via Light Sensor

Picture/Display

- Aspect ratio: 16:9
- Diagonal screen size (inch): 42 inch
- Diagonal screen size (metric): 107 cm
- Colour cabinet: High Gloss Black and Brilliant Pearl
- Panel resolution: 1366 x 768p
- Brightness: 550 cd/m²
- Picture enhancement: Pixel Plus 3 HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Clear LCD, Digital Natural Motion, Dynamic contrast enhancement, Jagged Line Suppression, Progressive scan, Pulse Killer Chip, Widescreen Plus
- Display screen type: LCD WXGA Active Matrix TFT
- Dynamic screen contrast: 7000:1
- Response time (typical): (BEW equiv.) 3 ms
- Viewing angle: 176° (H)/176° (V)
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution

- Computer formats: 640 x 480, 60 Hz, 800 x 600, 60 Hz, 1024 x 768, 60 Hz
- Video Formats: 640 x 480i - 1Fh, 640 x 480p - 2Fh, 720 x 576i - 1Fh, 720 x 576p - 2Fh, 1280 x 720p - 3Fh, 1920 x 1080i - 2Fh

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: DVB COFDM 2K/8K, PAL, SECAM
- Digital TV: DVB Terrestrial*
- Video Playback: NTSC, SECAM, PAL

Multimedia Applications

- Digital Content Management: Digital Media Reader
- Multimedia connections: Ethernet-UTP5, UPnP, Wi-Fi (opt. Ethernet-bridge), 7-in-1 Memory Card Reader, USB (streaming video capable)
- Playback Formats: MP3, Slideshow files (.alb), JPEG Still pictures, DivX 3.11, DivX 5, MPEG1, MPEG2,

MPEG4, XviD

- Memory Card Types: Compact Flash type I, Compact Flash type II, Memory Stick, Microdrive, MultiMedia Card (MMC), Secure Digital Card (SD), Smart Media Card

Convenience

- Child Protection: Child Lock+Parental Control
- Ease of Installation: Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Autostore, PLL Digital Tuning, Plug and Play
- Ease of Use: Auto Volume Leveller (AVL), Delta Volume per preset, Graphical User Interface, On-Screen Display, Programme List, Side Control
- Clock: Smart Clock
- Screen Format Adjustments: 4:3, 6 Widescreen Modes, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle and Heading Shift, Super Zoom, Widescreen
- Electronic Programme Guide: Now + Next EPG
- Remote Control: Amp, DVD, Sat, STB (Set-Top Box), VCR, Multi-functional
- Remote control type: RC4410
- Teletext: 1200-page Hypertext
- VESA Mount: Vesa compliant
- Picture in Picture: Full dual screen (2 tuners), Text dual screen
- Teletext enhancements: Habit Watch, Programme information Line

Sound

- Output power (RMS): 2 x 12 W + 1 x 24 W
- Sound System: Virtual Dolby Digital, BBE
- Sound Enhancement: Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equalizer

Loudspeakers

- Built-in speakers: 5
- Loudspeaker types: Integrated subwoofer, Dome tweeter

Connectivity

- Front/Side connections: Audio L/R in, CVBS in, Headphones Out, S-video in, 2 x USB, Multi-slot memory card reader
- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Ext 2 Scart: Audio L/R, CVBS in/out, RGB, Y/C
- Other connections: Analogue audio Left/Right out,

- Ethernet, PC-in VGA + Audio L/R in, S/PDIF in (coaxial), S/PDIF out (coaxial), Common Interface
- Ext 3: YPbPr
- Ext 4: HDMI
- Ext 5: HDMI
- Ext 6: VGA PC-in, Audio L/R in

Power

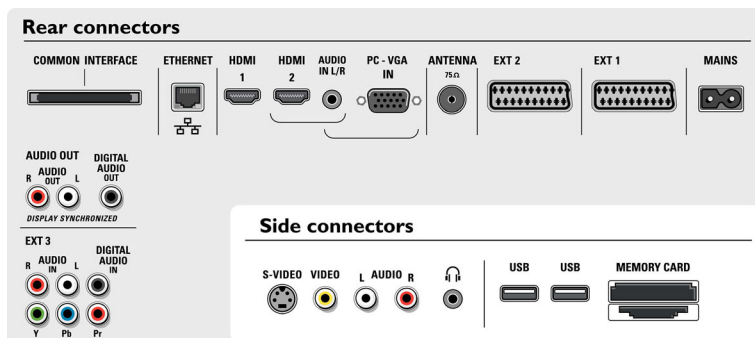
- Mains power: AC 110 - 240 V +/- 10%
- Ambient temperature: 5°C to 40°C
- Power consumption: 248 W
- Standby power consumption: 0.8 W

Accessories

- Included accessories: Tabletop stand, Wall mounting bracket, RF antenna cable
- Optional accessories: Floor stand

Dimensions

- Set Width: 1279 mm
- Set Height: 872 mm
- Set Depth: 114 mm
- Product weight: 38 kg
- Set height (with stand): 932 mm
- Set depth (with stand): 290 mm
- Box width: 1354 mm
- Box height: 1211 mm
- Box depth: 339 mm
- Weight incl. Packaging: 62 kg
- Wall-mount compatible: 800 x 400 mm



Issue date 2023-07-13

Version: 8.0.14

EAN: 87 10895 92049 0

© 2023 Koninklijke Philips N.V.
All Rights reserved.

Specifications are subject to change without notice.
Trademarks are the property of Koninklijke Philips N.V.
or their respective owners.

www.philips.com

* DVB-T, supported in selected countries only